



UNIVERSITY OF CALCUTTA

Notification No. CSR/48/19

It is notified for information of all concerned that the Syndicate in its meeting held on 08.08.2019 (vide Item No.26) confirmed by the Syndicate 27.08.2019 (Item No.01), approved some corrections of syllabus of the Department of Psychology, notified in the notification No.CSR/89/18, under this University, as laid down in the accompanying pamphlet.

The above shall be effective from the session 2019 -2020.

SENATE HOUSE

KOLKATA-700 073

The 15th November, 2019

 18/11/19
Prof.(Dr.) Debasis Das

Registrar

Bayal
15.11.19

Syllabus
for
M.A. / M. Sc. In Psychology
University of Calcutta
2018

[For each course out of 50, internal assessment will be of 10 marks. The details of internal assessment is given below. 10 marks of each Module other than Module No.13 (Semester-3) & Module No.16 (Semester-4) is allotted for project/practical work. For Modules 13 & 16 10 marks for internal examination and LNB]

SEMESTER 1

MODULE	COURSE		MARKS	CREDITS
1	Core Course 1	Paradigms of Psychology	50	4
2	Core Course 2	Basics of Cognitive Processes	50	4
3	Core Course 3	Applications of Cognitive Psychology	50	4
4	Core Course 4	Theory Construction & Research Design	50	4
5	Core Course 5	Qualitative Methods	50	4
		TOTAL	250	20

SEMESTER 2

MODULE	COURSE		MARKS	CREDITS
6	Core Course 6	Behaviour & Biology	50	4
7	Core Course 7	Developmental Theories & Neuro-developmental Disorder	50	4
8	Core Course 8	Personality Studies	50	4
9	Core Course 9	Social Psychology	50	4
10	Core Course 10	Statistics in Behavioural Science	50	4
		TOTAL	250	20

SEMESTER 3

MODULE	COURSE		MARKS	CREDIT
11	Core Course 11	Clinical Psychology	50	4
12	Core Course 12	Positive Psychology	50	4
13	Elective Course (Practical)	(ONE OUT OF THREE)	50	4
	EC 1.1	Psychological Assessment in Clinical Setting		
	EC 1.2	Focus Group Discussion & Interview		
	EC 1.3	Experimentation in Cognitive Processes		
14	Course 14 CBCC A	Interdisciplinary course as per University rules	50	4
15	Course 15 CBCC B	Interdisciplinary course as per University rules	50	4
		TOTAL	250	20

SEMESTER 4

MODULE	COURSE		MARKS	CREDIT
16	Elective Course (Practical)	(ONE OUT OF FOUR)	50	4
	EC 2.1	Psychological Evaluation in Clinical Setting		
	EC 2.2	Ethnography & Narrative Analysis		
	EC 2.3	Experimentation in Affective Processes		
	EC 2.4	Dissertation		
17	Elective Course	(ONE OUT OF THREE)	50	4
	EC 3.1	Critical Psychology		
	EC 3.2	Psychotherapy		
	EC 3.3	Psychology of Gender		
18	Elective Course	(ONE OUT OF THREE)	50	4
	EC 4.1	Cultural Psychology		
	EC 4.2	Advanced Quantitative Methods		
	EC 4.3	Neuropsychology		
19	Elective Course	(ONE OUT OF THREE)	50	4
	EC 5.1	Psychology of Power, Aggression & Social Conflict		
	EC 5.2	Community mental Health		
	EC 5.3	Stress, Coping & Related Disorder		
20	Elective Course	(ONE OUT OF THREE)	50	4
	EC 6.1	Applications of Social Psychology		
	EC 6.2	Psychology of Relationships		
	EC 6.3	Forensic Psychology		
		TOTAL	250	20

SEMESTER 3 (INTERDISCIPLINARY) CBCC**Course to be offered for students from other departments**

COURSE		MARKS	CREDIT
CBCC	Information Processing	50	4

Detailed Syllabus

Semester 1

Module 1 -- CC1-T

Paradigms of Psychology (including Project work)

1. Philosophy of Science
2. Structuralism by Levis Strauss; Post Structuralism; Post Modernism; Frankfurt School
3. Positivism and Interpretive Approach
4. Paradigm Shift in Psychology; Indian Psychology

Module 2 -- CC2 -T

Basics of Cognitive Processes (including Project Work)

1. Information Processing i. Attention and Memory
2. Information Processing ii. Theory of Signal Detectability
3. Information Theory
4. Perspectives on Cognition
 - a. Embodied Cognition
 - b. Meta-cognition

Module 3 -- CC3 – T(including Project work)

Applications of Cognitive Psychology

1. Cognitive perspectives on emotion and motivation; emotional intelligence
2. Knowledge representation; Imagery; Feature Integration
3. Language and Reading behaviour
4. Applications of Cognitive Psychology in different areas
 - a. Behavioural Economics and Consumer Behaviour
 - b. Social Psychology
 - c. Clinical Psychology

Module 4 -- CC4 –T(including Project work)

Theory Construction and Research Design

1. Theory construction in psychology
2. APA format of report writing for analysis of quantitative data
3. Research Design

- a. Advanced Research design & sampling design
 - b. Sample size estimation.
4. Statistical; Techniques
- a. Statistical models
 - b. Modern approaches to theory testing –
 - i. effect sizes
 - ii. Definition, Spotting and reducing bias in statistics
 - c. Boxplots & scatterplot – graphical representation of data.

Module 5 -- CC5-T

Qualitative Methods (including Project Work)

1. Locating the Field –
 - a. Historical Moments in Qualitative Research
 - b. Ethical Issues & Considerations
2. Characteristics of qualitative research; Sampling; Trustworthiness
3. Data generation in Qualitative Research
4. Writing in Qualitative Research -- Practice of interpretation, evaluation and representation

Semester 2

Module 6 -- CC 6 -T

Behaviour and Biology (including Practical/ Project Work)

1. Genetic basis of behaviour and disorders
2. Nervous system: Understanding the units & communication within CNS & PNS Brain: Structure and Functions including connections and networks, evolution of the nervous system
3. Endocrine Systems & Neurotransmitters in relation to cognition, affect &behaviour and its relation to stress.
4. Methods of Assessment: Psychological assessment methods – cognitive functions assessment (WAIS scales and interpretation of scores including discrepant findings, BGT etc.); Other methods: EEG,ERP,EMG, Biofeedback, CT scan, MRI, FMRI, PET, SPECT, FNIR

Module 7 -- CC 7–T(including Project work)

Developmental Theories and Neuro-developmental Disorders(including Project work)

1. Concepts: Scope and methods of developmental psychology, nature – nurture issue
2. Development of psychological competencies across life span: infancy, childhood, adolescence, adulthood, elderly.
3. Neurodevelopmental Disorders
4. Issues of development: Risk and resilience, educational implications

Module 8 -- CC8 – T(including Practical/ Project Work)

Personality studies

1. Determinants of Personality, Nomothetic and Idiographic Perspective
2. Theories of Personality: Psychoanalytic, Behavioural, Cognitive, Existential.
3. Measurement of Personality: Neo FFI, MBTI, RIBT, TAT.
4. Reading of seminal papers on personality.

Module 9 -- CC 9– T (including Practical/ Project Work)

Social Psychology

1. Social and relational self
2. Psychology of Poverty
3. Theories of Social Psychology
 - a. Symbolic Interactionism
 - b. Self categorization and Status Characteristics Theory
 - c. Reactance Theory
 - d. Fromm’s view of love
 - e. Goffman’s theory of Stigma
4. Methods & Application of Social Psychology
 - a. Challenges in conducting Social Psychological Research
 - b. Cross cultural and field experimentation

Module 10 -- CC 10 – T(including Practical Work)

Statistics in behavioural Science

1. Concept about SPSS AND R Software of statistical environment
2. Comparing several means/median/nominal data: assumptions and uses, computation using any software
 - i. One way ANOVA, Factorial ANOVA, Randomized Block design, Repeated measure ANOVA.
 - ii. U test, Wilcoxon Signed rank test, Kruskal Wallis test, Friedman two way ANOVA, Chi square—assumptions and uses, computation using any software.
3. Basic concept about multivariate statistics and uses.
4. Prediction statistics and data reduction:
 - a. Partial and multiple correlation—assumptions and uses, computation using any software.
 - b. Simple and multiple regression—assumptions and uses, computation using any software.
 - c. Basic concepts of exploratory factor analysis

Semester 3

Module 11 -- CC 11 –T(including Project Work)

Clinical Psychology

1. Classification of Psychiatric Disorders: ICD & DSM
2. Factors Associated with Psychiatric Disorders & Cure (Predisposing, Precipitating, Perpetuating, Prognostic Factors)
3. Disorders of Adult Life (Psychotic, Mood, Anxiety, Personality)
4. Disorders of Childhood (Following ICD, DSM as well as concept of Internalizing and Externalizing disorders)

Module 12 – CC 12 – T(including Project Work)

Positive Psychology

1. Introduction to Positive Psychology – Happiness and Wellbeing
2. Strengths based development and engagement
3. Positive Being and growth
 - a. Mindfulness
 - b. Yoga
 - c. Meditation
 - d. Buddhist Philosophy
4. Positive Psychology of Hope and Resilience

Module 13 -- EC 1 Elective Practical (Any 1 out of 3)

EC 1.1

Psychological Assessment in Clinical Setting

EC 1.2

Focus Group Discussion & Interview

EC 1.3

Experimentation in Cognitive Processes

Module 14 & 15 – CBCC- A& B- Courses will be taken from other departments

SEMESTER 3 (INTERDISCIPLINARY) CBCC

Course to be offered for students from other departments

COURSE		MARKS	CREDIT
CBCC	Information Processing	50	4

CBCC- Information Processing ((including Project Work)

1. Cognitive aspects – attention ,memory
2. Affective aspects – emotion and personality (Freud and others)
3. Neuroscience of cognitive and personality constructs
4. Reviewing a seminal paper / critical text

Semester 4

Module 16 – Elective Practical EC 2 (any 1 out of 4)

EC 2.1 Psychological Evaluation in Clinical Setting

EC 2.2 Ethnography and Narrative Analysis

EC 2.3 Experimentation in Affective Processes

EC 2.4 Dissertation (The eligibility criteria for opting dissertation - Minimum 70% marks cumulatively in Semesters I and Semester II)

Module 17 – Elective Theory EC 3 (any 1 out of 3)

EC 3.1 -T (including Field-Work based Project Work)

Critical Psychology

1. Critical psychology for social justice and social change
2. The politics of madness,
3. Post structural understanding of Gender
4. Critical psychology and disability

EC 3.2 –T (including Project Work)

Psychotherapy

1. Different methods of Psychotherapeutic intervention – supportive, re-educative and reconstructive
2. Different methods of Psychotherapy – Psychodynamic, Cognitive, Behavioral, Existential
3. Factors contributing to response in psychotherapy and other critical issues
4. Research in Psychotherapy

EC 3.3 –T (including Field-Work based Project Work)

Psychology of Gender

- 1) Feminist theories
- 2) Male gender role stress
- 3) Queer theory
- 4) Social construction of gender and bio-politics from gender perspective

Module 18 – Elective Theory EC 4 (Any 1 out of 4)

EC 4.1 –T (including Project Work)

Cultural Psychology

1. Integration of culture and psychology, types of societies and enculturation/acculturation, cross cultural research methods
2. Identity and culture, cultural aspects of consciousness and dream
3. Indigenous theories, folk psychology
4. Different areas of cultural psychology: ecological aspects, evolutionary framework of culture, Culture of poverty and servitude, cognition and culture (vygotsky's cultural- historical theory), culture of time, morality and culture

EC 4.2 –T (including Practical Work)

Advanced Quantitative Methods and Psychometric properties

1. A priori and Post Hoc analyses for independent and repeated measure model — assumptions and uses, computation using any software, analysis of Big data set
 - a. ANOVA, ANCOVA, MANOVA, MANCOVA
 - b. Trend analysis
2. Prediction Statistics
 - a. Stepwise, Hierarchical, moderation mediation, Logistic regression — assumptions and uses, computation using any software.
 - b. Path analysis –concept, assumptions and uses, computation using any software.
3. Factor analysis:
 - a. Methods of extraction and method of rotation
 - b. Computation using any software
 - c. Confirmatory factor analysis- concept
 - d. Meta-analysis- concept.
4. Bootstrapping Technique

EC 4.3 –T (including Project/ Practical Work)

Neuropsychology

1. Introduction to neuropsychology: History, important terms & concepts.
2. Five large Networks: Right hemisphere dominant spatial orientation network, left hemisphere dominant language network, memory-emotion network, executive function – compartment network, Face-object identification network
3. Tools for neuropsychological assessment: WCST, Stroop, TOL and others – with case vignettes presentation

4. Neuropsychological approach for cognitive training and cognitive rehabilitation

Module 19 Elective Theory EC 5 (any 1 out of 3)

EC 5.1 –T (including Project Work)

Psychology of Power, Aggression & Social Conflict

- 1) Theories on Aggression & Authoritarianism;
- 2) Identity politics: politics of recognition, representation, ethnic identity and nationalism
- 3) Social Catastrophe, Terrorism & War
- 4) Critical reading of seminal research papers

EC 5.2 –T (including Field-Work based Project Work)

Community Mental Health

1. History & Development of Community mental health
2. Acts in the area of Mental Health: Mental Health Act & Persons with Disabilities Act
3. Emerging scope of clinical psychology: in Psychiatry, General hospital, community settings
4. Research in area of Clinical Psychology – interface with different disciplines

EC 5.3 –T (including Field-Work based Project Work)

Stress, Coping & Related Disorders

1. Diathesis: Concept
2. Stress: Biological, Cognitive appraisal
3. Coping: Problem focused, emotion focused
4. Disorders associated with stress: CVD, Cancer, Death anxiety.

Module 20 – Elective Theory EC 6 (Any 1 out of 3)

EC 6.1 –T (including Field-Work based Project Work)

Applications of Social Psychology

1. Criminal Justice System, Environment, Education and classroom
2. Application of Social Psychology in
 - i. Community
 - ii. Wellbeing
 - iii. Media
 - iv. Sports
3. Critical Social Psychology –

- a. Science, Language and (de)construction of Social Psychology
 - b. New practices for Social Psychology – discourse, power and politics
4. Foucault’s legacy, knowledge, power and the creation of modern individualism

EC 6.2 –T (including Field-Work/ Practical based Project Work)

Psychology of Relationships

- 1. Theoretical perspectives on relationship: cultural and societal issues
- 2. Domains of relationship: childhood relationship (parent, teacher, caregiver), adult relationship (heterosexual and non-heterosexual relationships), friendship, workplace relationship
- 3. Relationships in popular culture: music, movies, television, advertisements
- 4. Emerging issues in relationship – virtual relationship, long distance relationship, self fulfillment demand in modern marriage, post divorce relationship

EC 6.3 –T (including Project/ Practical Work)

Forensic Psychology

- 1. Bio-psycho-social perspectives of criminal behaviour
- 2. Legal Issues –
 - a) Mental Health,
 - b) Custodial Care,
 - c) Issues of Consent,
 - d) Evidences
- 3. Assessment in Forensic Psychology
- 4. Forensic Psychological Rehabilitation –
 - a) Role of forensic psychologist
 - b) Rehabilitation of offenders
 - c) Forensic consultancy